**Day 9**

**TO DO:**

**- Get list of NXC commands**

**Morning**

* Review Yesterday
* Hand out Logic Operations worksheet
* Continue NXC lessons

**Afternoon**

* Presentation on AI and Turing Test **(Need worksheet - tomorrow ok)**
  + Areas:
* [2.1 Deduction, reasoning, problem solving](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Deduction.2C_reasoning.2C_problem_solving&sa=D&sntz=1&usg=AFQjCNG6aolIxP26PJL0uA3u3xC0y-S4CQ)
* [2.2 Knowledge representation](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Knowledge_representation&sa=D&sntz=1&usg=AFQjCNEc9JpwARu631EkJVVKcVMZd-6zVQ)
* [2.3 Planning](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Planning&sa=D&sntz=1&usg=AFQjCNGbkmIrHRDQXD72JXTMa4mqh0BIig)
* [2.4 Learning](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Learning&sa=D&sntz=1&usg=AFQjCNGpo4U5GxgtilGiLXlWW3BlDYS76Q)
* [2.5 Natural language processing](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Natural_language_processing&sa=D&sntz=1&usg=AFQjCNEdqw7vdB0B4qvhr5Vb5K3Pt93Gtg)
* [2.6 Motion and manipulation](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Motion_and_manipulation&sa=D&sntz=1&usg=AFQjCNE1LG_7TLa1Tug2ipYqJ-lqVGfvRw)
* [2.7 Perception](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Perception&sa=D&sntz=1&usg=AFQjCNFt3i4aez0VCg1Ub-kQkPZISjroPg)
* [2.8 Social intelligence](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Social_intelligence&sa=D&sntz=1&usg=AFQjCNEUBOQx0puxMpp6DS8ktmtlfYv1Aw)
* [2.9 Creativity](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23Creativity&sa=D&sntz=1&usg=AFQjCNFVMHPjxQ6iZjZHKXyX9n5xA8SZdQ)
* [2.10 General intelligence](http://www.google.com/url?q=http%3A%2F%2Fen.wikipedia.org%2Fwiki%2FArtificial_intelligence%23General_intelligence&sa=D&sntz=1&usg=AFQjCNFNzSHI8xw1Thon3aaIl-nT4xMU7Q)
  + Doctor program - emacs
  + Present facial expressions
* Build Face-bot
  + 4 emotions/expressions
  + 2 sensors only
    - light
    - ultrasound
    - microphone

**Late Afternoon**

* Demonstrate number game (or program on NXT)

* Continue Face-bot

**Afternoon**

**Late Afternoon**

* Demo neural net instead of if then else